



County of San Diego

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DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
LAND AND WATER QUALITY DIVISION

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Instruction Sheet Variance for Alternatives to SAM Well Destruction Guideline

1. **What circumstances prevent the well from being destroyed by over drilling?**
2. Submit the well completion log for each well under consideration. The log must contain the following information:
 - a. Depth, thickness and composition of the annular seal
 - b. Depth, thickness and composition of the well casing
 - c. Screened interval (including screen size and composition)
3. The well must have a minimum well seal of 20 feet.
4. The well must be physically inspected and found to be free of any physical obstruction. If obstructions are found, they must be removed prior to pressure grouting.
5. Submit a description of the method proposed to **cut the casing** from below the well annular seal through the section of filter pack and screen, to the bottom of the well. Cutting the casing is required to open the well adequately so that the grout may freely migrate into the surrounding gravel pack during the pressure grouting operation.
6. Provide a description of how the grouting equipment will be connected to the wellhead. A proper connection to the wellhead is critical to pumping grout under pressure.
7. Provide information on how the well security structure will be removed. Generally the security structure is to be removed to a depth of 3 feet.
8. Identify any nearby vulnerable subsurface structures-underground storage tanks associated piping etc. Please note that since grouting forces material into the formation surrounding the well, it may damage other structures and cause fire hazards, ruptures of piping or cracks that will eventually leak.

Submit this documentation to the Monitoring Well Permit Desk at 619-338-2339 at the address indicated above or fax the documentation to 619-338-2315.